

OKLAHOMA FORESTRY DIVISION
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT

Forestry Office: _____

Community: _____ County: _____

Latitude: _____ Longitude: _____

Fire Department: _____

Date: _____

Acres: _____ Lots: _____ Homes: _____ Future Homes: _____

CALCULATING THE WILDFIRE HAZARD RATING

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
SUBDIVISION DESIGN RATING			Rating	
ACCESS				
Two or more roads			0	
One road, plus alternative			3	
One road in/out			7	
SUBDIVISION BRIDGES				
No bridges or bridges with no weight and or width restrictions			0	
Low weight or narrow bridges restricting emergency access			5	
PRIMARY ROAD WIDTHS				
>24 ft			0	
>20 ft and <24 ft			2	
<20 ft			4	
ACCESSIBILITY				
Surfaced road, grade < 5%			0	
Surfaced road, grade > 5%			2	
Non-surface road, grade < 5%			2	
Non-surface road, grade > 5%			5	
Other than all-season road			7	
SECONDARY ROAD TERMINUS				
< 300 ft with turnaround			0	
> 300 ft with turnaround			2	
< 300 ft without turnaround			4	
> 300 ft without turnaround			5	
UNSAFE ROADWAY				
No flammable vegetation threat			0	
Highly flammable vegetation along road			5	
STREET SIGNS				
Present 4 inches in size and reflective			0	
Not present			5	
TOTAL SUBDIVISION DESIGN				

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SITE HAZARD RATING (Within 30 feet of structure based on a majority of the properties in the community)	Rating	
DRIVEWAY CHARACTERISTICS		
Less than 150 feet long	0	
More than 150 ft with minimum 45 foot outside radius turnaround	3	
More than 150 ft with inadequate turnaround	5	
Average driveway width more than 12 ft	0	
Average driveway width less than 12 ft	5	
No obstructing overhead branches below 15 ft	0	
Obstructing overhead branches below 15 ft	5	
No bridges or bridges with no weight or width restrictions	0	
Bridges restricting emergency vehicle access	5	
Slopes level or less than 10 %	0	
Slopes over 10%	5	
No gate/non-locking gate	0	
Locked gate	5	
Address clearly visible from road	0	
Address not visible from road	5	
DOMINANT TREES (within 100 ft of homes)		
Deciduous	1	
Mixed	5	
Evergreen	10	
LADDER FUELS		
Evergreen branches close to ground	5	
Evergreen branches pruned up at least 6 ft	0	
VEGETATION (predominant type throughout community)		
Light (e.g. grasses and forbs) NFDRS Fuel Models A, C, L, N, S and T	5	
Medium (e.g. light brush and small trees) NFDRS Fuel Models D, E, F, H, P, Q and U	10	
Heavy (e.g. dense brush, timber and hardwoods) NFDRS Fuel Models B, G and O	20	
Slash (e.g. timber harvesting residue) NFDRS Fuel Models J, K and L	25	
SLOPE OF PROPERTY		
Flat (0-5%)	0	
Moderate (6-20%)	2	
Steep (over 20%)	4	
DEFENSIBLE SPACE		
No trees, shrubs or tall grass within 30 ft	0	
Well spaced trees and shrubs within 30 ft	10	
Touching crowns or tall grass within 30 ft	20	
No unthinned or unmanaged timber within 100 ft	0	
Unthinned or unmanaged timber within 100ft	5	
TOTAL SITE HAZARD RATING		

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BUILDING CONSTRUCTION HAZARD RATING	Rating	
ROOFING MATERIALS		
Greater than 75% of homes have metal, tile or Class A shingles	0	
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
SIDING / SOFFETS		
Greater than 75% of homes have fire resistant siding and soffets	0	
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
UNDERSKIRTING		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
TOTAL BUILDING CONSTRUCTION HAZARD RATING		
ADDITIONAL HAZARD FACTORS	Rating	
FIRE CONTROL WATER SUPPLY		
Pressurized hydrants with minimum 500 GPM < 1,000 ft apart	0	
Pressurized hydrants with < 500 GPM or spaced > 1,000 ft apart	2	
Dry hydrant(s) available year round within the community	2	
Other accessible sources within community	5	
Water sources located within 4 road miles of community	7	
No water sources within 4 miles of the community	15	
UTILITIES		
Both underground	0	
One underground, one above ground	3	
Both aboveground	5	
SURROUNDING ENVIRONMENT		
Community is not surrounded by any large natural landscape	0	
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
UNDEVELOPED LOTS		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	
10 to 50% of lots have not been developed	3	
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
RISK LOCATION		
<i>Community has the following designated Wildland Urban Interface Risk Index according to SouthWRAP (Use the highest potential for impact).</i>		
Low (Class Value -1 to -2)	0	
Medium (Class Value -3 to -5)	10	
High (Class Value -6 to -9)	20	
TOTAL ADDITIONAL HAZARD FACTORS		

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What does the Wildfire Hazard Rating Mean for My Community?

**** This community's weighted mean score is XX. ****
This places the community in the _____ category.

The Wildfire Hazard Assessment ranks communities from 0 points (low risk) to 247 points (Extreme Risk) using the categories of the Wildfire Risk and Hazard Assessment.

Low Risk: Total Wildfire Hazard Rating is 0 – 90 points

The chances of a majority of homes in the community surviving a wildfire are **GOOD**. Little is needed to improve the community. Keep up the good work!

Moderate Risk: Total Wildfire Hazard Rating is 91 – 155 points

The chances of a majority of homes in the community surviving a wildfire are **FAIR**. Some minor improvements will make the community more fire resistant. Check the areas on the form in which you scored poorly.

High Risk: Total Wildfire Hazard Rating is over 155 points

The chances of a majority of homes in the community surviving a wildfire are **NOT GOOD**. Some improvements in structure and site are necessary.

Extreme Risk: Total Wildfire Hazard Rating is over 170 points

If a wildfire passes through the area, the community **MAY NOT SURVIVE**. Take a serious look at your community and make improvements. If you don't, you may be facing disaster. You will find that even small changes could make the difference.

For more information on your home's fire risk, or for more complete evaluation of your property, contact your local Fire Department.

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